

Table 6.11
Percentage of Households with Telephone Service in March

Total Household Income in March 1984 Dollars *	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Wyoming										
\$9,999 or less	86.2	87.1	89.5	83.4	91.1	91.7	86.2	82.5	84.4	88.7
\$10,000 - \$19,999	93.6	96.1	93.9	93.4	92.1	91.4	93.1	92.2	90.3	95.2
\$20,000 - \$29,999	94.0	99.2	97.7	96.3	98.3	95.6	95.0	94.6	97.5	97.3
\$30,000 - \$39,999	96.4	98.8	97.5	97.7	97.0	97.4	96.5	96.9	97.1	99.6
\$40,000 or more	98.5	99.1	98.8	95.7	98.2	99.2	97.8	99.3	99.6	98.4
All Households	93.6	95.5	94.9	92.6	95.0	94.8	93.7	93.0	93.4	95.8
United States Total										
\$9,999 or less	85.1	85.4	86.0	85.7	85.5	87.5	87.6	89.1	89.2	88.0
\$10,000 - \$19,999	93.7	93.0	93.0	93.7	92.9	93.3	93.4	94.3	94.6	93.2
\$20,000 - \$29,999	96.2	96.5	96.5	96.1	96.0	96.1	95.9	96.9	97.0	95.3
\$30,000 - \$39,999	98.0	97.6	97.6	97.4	97.2	97.3	97.1	98.1	98.1	96.7
\$40,000 or more	98.6	98.5	98.2	98.2	98.2	98.0	97.8	98.8	98.8	97.7
All Households	93.9	93.9	94.0	94.1	94.0	94.5	94.4	95.5	95.5	94.2
1984 Dollars	Equivalent in Current Dollars									
\$10,000	\$14,756	\$15,175	\$15,595	\$15,809	\$16,082	\$16,686	\$17,173	\$17,427	\$17,954	\$18,252
\$20,000	\$29,512	\$30,350	\$31,190	\$31,618	\$32,164	\$33,372	\$34,346	\$34,854	\$35,908	\$36,504
\$30,000	\$44,268	\$45,525	\$46,785	\$47,427	\$48,246	\$50,058	\$51,519	\$52,281	\$53,882	\$54,756
\$40,000	\$59,024	\$60,700	\$62,380	\$63,236	\$64,328	\$66,744	\$68,892	\$69,708	\$71,816	\$73,008

* Current dollar equivalents are at the end of Table 6.11

Table 6.12
Critical Values for Determining Significant Differences by State

	In Unit	Available
UNITED STATES	0.4%	0.3%
ALABAMA	4.2%	4.0%
ALASKA	3.4%	2.7%
ARIZONA	2.7%	2.5%
ARKANSAS	3.6%	3.5%
CALIFORNIA	1.1%	1.0%
COLORADO	2.1%	1.9%
CONNECTICUT	2.6%	2.6%
DELAWARE	2.8%	2.4%
DISTRICT OF COLUMBIA	4.7%	4.2%
FLORIDA	1.7%	1.7%
GEORGIA	3.3%	3.1%
HAWAII	3.1%	2.6%
IDAHO	2.6%	2.5%
ILLINOIS	2.4%	2.0%
INDIANA	3.1%	2.9%
IOWA	2.8%	2.6%
KANSAS	3.0%	2.8%
KENTUCKY	3.5%	3.1%
LOUISIANA	3.5%	3.1%
MAINE	2.0%	1.7%
MARYLAND	2.9%	2.8%
MASSACHUSETTS	2.1%	2.0%
MICHIGAN	1.7%	1.6%
MINNESOTA	2.3%	2.2%
MISSISSIPPI	4.0%	3.3%
MISSOURI	3.2%	2.9%
MONTANA	2.5%	2.3%
NEBRASKA	2.2%	2.0%
NEVADA	3.6%	3.5%
NEW HAMPSHIRE	2.7%	2.4%
NEW JERSEY	2.3%	2.3%
NEW MEXICO	3.6%	3.5%
NEW YORK	1.4%	1.2%
NORTH CAROLINA	2.0%	1.8%
NORTH DAKOTA	1.9%	1.7%
OHIO	1.9%	1.7%
OKLAHOMA	3.5%	3.2%
OREGON	3.1%	2.7%
PENNSYLVANIA	1.4%	1.3%
RHODE ISLAND	3.3%	3.3%
SOUTH CAROLINA	3.6%	3.4%
SOUTH DAKOTA	4.0%	3.8%
TENNESSEE	2.9%	2.6%
TEXAS	1.8%	1.6%
UTAH	2.7%	2.5%
VERMONT	3.5%	3.0%
VIRGINIA	3.5%	3.3%
WASHINGTON	2.3%	2.1%
WEST VIRGINIA	3.3%	2.8%
WISCONSIN	2.7%	2.5%
WYOMING	2.7%	2.5%

Table 6.13
Critical Values for Determining Significant Differences by Income

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK			
	In Unit	Available	In Unit	Available	In Unit	Available	In Unit	Available
TOTAL	0.4%	0.3%	0.4%	0.3%	1.6%	1.5%	1.7%	1.6%
UNDER \$5,000	3.9%	3.7%	4.4%	4.1%	7.9%	7.4%	10.1%	9.8%
\$5,000 - \$7,499	3.0%	2.9%	3.3%	3.1%	7.5%	7.3%	9.1%	8.4%
\$7,500 - \$9,999	2.4%	2.2%	2.6%	2.5%	7.4%	6.4%	8.4%	8.3%
\$10,000 - \$12,499	2.1%	2.0%	2.3%	2.2%	7.4%	6.7%	7.0%	6.7%
\$12,500 - \$14,999	2.1%	1.9%	2.2%	2.0%	6.8%	6.3%	7.4%	7.3%
\$15,000 - \$19,999	1.5%	1.3%	1.4%	1.2%	5.8%	5.0%	5.3%	4.9%
\$20,000 - \$24,999	1.2%	1.1%	1.2%	1.1%	3.7%	3.4%	5.0%	4.8%
\$25,000 - \$29,999	1.1%	1.0%	1.1%	1.0%	4.7%	4.3%	3.9%	3.7%
\$30,000 - \$34,999	1.0%	0.9%	1.0%	0.9%	5.1%	4.5%	4.6%	4.1%
\$35,000 - \$39,999	0.9%	0.9%	0.9%	0.9%	4.8%	4.6%	3.7%	3.6%
\$40,000 - \$49,999	0.7%	0.6%	0.7%	0.6%	3.0%	2.8%	4.1%	3.7%
\$50,000 - \$59,999	0.6%	0.6%	0.6%	0.6%	3.2%	3.2%	3.0%	2.7%
\$60,000 - \$74,999	0.6%	0.5%	0.6%	0.5%	4.0%	3.8%	2.1%	2.0%
\$75,000 +	0.4%	0.4%	0.4%	0.4%	2.6%	2.4%	3.0%	2.8%

Table 6.14
Critical Values for Determining Significant Differences by Household Size

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK			
	In Unit	Available	In Unit	Available	In Unit	Available	In Unit	Available
TOTAL	0.4%	0.3%	0.4%	0.3%	1.6%	1.5%	1.7%	1.6%
1 PERSON	0.9%	0.8%	0.9%	0.8%	3.5%	3.2%	5.4%	5.1%
2 - 3	0.5%	0.4%	0.4%	0.4%	2.0%	1.9%	2.3%	2.2%
4 - 5	0.6%	0.6%	0.6%	0.5%	2.9%	2.7%	2.3%	2.1%
6 +	1.9%	1.8%	2.0%	1.9%	6.7%	6.3%	4.6%	4.5%

Table 6.15
Critical Values for Determining Significant Differences by Householder's Age

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK			
	In Unit	Available	In Unit	Available	In Unit	Available	In Unit	Available
TOTAL	0.4%	0.3%	0.4%	0.3%	1.6%	1.5%	1.7%	1.6%
15-24 YRS OLD	2.3%	2.1%	2.4%	2.2%	7.6%	6.8%	6.1%	5.9%
25-54 YRS OLD	0.5%	0.4%	0.4%	0.4%	2.0%	1.8%	1.9%	1.8%
55-59 YRS OLD	1.1%	1.0%	1.0%	1.0%	4.9%	4.5%	5.8%	5.3%
60-64 YRS OLD	1.1%	1.0%	1.1%	1.0%	4.9%	4.5%	6.3%	6.2%
65-69 YRS OLD	1.1%	1.1%	1.1%	1.1%	5.5%	5.1%	7.2%	7.2%
70-99 YRS OLD	0.7%	0.7%	0.7%	0.7%	3.6%	3.3%	5.8%	5.4%

Table 6.16
Critical Values for Determining Significant Differences by Labor Force Status

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK			
	In Unit	Available	In Unit	Available	In Unit	Available	In Unit	Available
TOTAL CNP	0.3%	0.3%	0.3%	0.3%	1.4%	1.4%	1.4%	1.3%
EMPLOYED	0.3%	0.3%	0.3%	0.3%	1.5%	1.4%	1.6%	1.5%
UNEMPLOYED	2.1%	1.9%	2.1%	1.9%	5.7%	5.1%	5.8%	5.3%
NOT IN LABOR FORCE	0.5%	0.5%	0.5%	0.5%	2.3%	2.1%	2.0%	1.9%

Table 6.17
Sample Size

Total Household Income in March 1994 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Alabama											
\$9,999 or less	271	210	177	221	225	196	210	222	228	210	195
\$10,000 - \$19,999	274	233	155	174	167	212	185	187	193	189	189
\$20,000 - \$29,999	149	132	106	122	134	125	135	142	135	141	122
\$30,000 - \$39,999	111	87	65	95	75	82	83	84	93	85	80
\$40,000 or more	111	89	74	101	119	86	100	93	106	99	105
All Households	916	751	577	713	720	701	713	728	755	724	691
Alaska											
\$9,999 or less	144	92	82	94	123	124	108	100	97	90	96
\$10,000 - \$19,999	155	155	140	157	126	167	137	149	166	154	129
\$20,000 - \$29,999	161	147	163	131	131	142	151	135	128	139	130
\$30,000 - \$39,999	104	115	140	116	102	114	107	116	112	117	106
\$40,000 or more	290	340	353	297	287	264	274	269	290	281	250
All Households	854	849	878	785	769	811	777	769	793	781	711
Arizona											
\$9,999 or less	192	173	120	118	112	127	130	147	123	144	132
\$10,000 - \$19,999	235	194	154	158	160	179	189	173	163	172	180
\$20,000 - \$29,999	198	172	139	120	150	134	160	149	129	126	131
\$30,000 - \$39,999	94	88	91	91	87	92	88	91	80	88	87
\$40,000 or more	122	116	123	139	143	138	143	133	136	117	126
All Households	841	743	627	626	652	670	710	693	631	647	656
Arkansas											
\$9,999 or less	230	263	223	238	223	220	225	220	229	234	210
\$10,000 - \$19,999	233	132	193	176	219	252	224	240	232	204	219
\$20,000 - \$29,999	136	147	144	138	155	155	147	156	140	155	144
\$30,000 - \$39,999	69	69	74	91	88	81	106	98	83	77	65
\$40,000 or more	71	72	70	86	92	89	85	86	97	98	79
All Households	739	783	704	729	777	797	787	800	781	768	717
California											
\$9,999 or less	1,127	1,013	908	838	816	531	842	923	970	1,001	1,003
\$10,000 - \$19,999	1,386	1,252	1,032	1,006	1,073	675	1,061	1,150	1,160	1,116	1,059
\$20,000 - \$29,999	1,071	1,100	944	862	876	559	957	990	923	918	840
\$30,000 - \$39,999	711	756	685	721	707	465	713	668	669	638	537
\$40,000 or more	1,235	1,294	1,245	1,296	1,342	722	1,380	1,365	1,298	1,254	1,200
All Households	5,530	5,415	4,812	4,723	4,816	2,952	4,953	5,116	5,020	4,927	4,638
Colorado											
\$9,999 or less	185	136	112	136	135	139	153	142	141	152	138
\$10,000 - \$19,999	254	186	128	137	153	178	171	159	178	184	171
\$20,000 - \$29,999	193	172	135	138	135	141	135	155	150	140	133
\$30,000 - \$39,999	157	135	117	98	91	86	82	94	90	107	102
\$40,000 or more	232	177	154	160	150	141	153	152	166	166	181
All Households	1,021	806	646	669	664	683	694	702	725	749	725
Connecticut											
\$9,999 or less	110	102	99	90	105	85	80	80	60	90	85
\$10,000 - \$19,999	136	113	116	115	111	79	85	87	102	102	102
\$20,000 - \$29,999	119	128	121	97	96	111	86	108	94	92	105
\$30,000 - \$39,999	114	103	92	93	100	82	75	71	83	92	76
\$40,000 or more	177	201	229	197	191	183	219	193	171	173	164
All Households	656	647	657	592	603	520	525	539	510	549	532
Delaware											
\$9,999 or less	86	103	111	105	93	102	95	90	84	79	79
\$10,000 - \$19,999	137	147	139	123	104	129	120	133	114	102	110
\$20,000 - \$29,999	111	125	104	102	145	120	127	99	115	99	89
\$30,000 - \$39,999	92	96	83	79	77	98	91	69	73	89	72
\$40,000 or more	129	125	118	132	145	145	142	138	121	125	120
All Households	555	596	555	541	564	594	575	529	507	494	470
District of Columbia											
\$9,999 or less	140	181	152	115	127	122	161	145	132	107	129
\$10,000 - \$19,999	145	135	163	169	140	135	136	118	128	133	124
\$20,000 - \$29,999	94	109	97	114	119	134	125	109	106	97	74
\$30,000 - \$39,999	73	64	69	67	83	83	68	56	54	52	47
\$40,000 or more	130	134	136	162	165	144	143	123	122	138	131
All Households	582	623	617	627	634	598	633	551	542	527	505
Florida											
\$9,999 or less	549	614	595	597	610	681	673	703	649	709	744
\$10,000 - \$19,999	622	730	794	783	800	782	837	831	820	778	705
\$20,000 - \$29,999	422	518	544	589	599	623	640	646	586	584	556
\$30,000 - \$39,999	271	311	352	385	428	403	428	369	348	329	332
\$40,000 or more	290	395	490	564	587	648	584	537	529	511	525
All Households	2,154	2,546	2,775	2,918	3,024	3,137	3,162	3,106	2,932	2,911	2,862

* Current dollar equivalents are at the end of Table 6.11

Table 6.17
Sample Size

Total Household Income in March 1984 Dollars *	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Alabama										
\$9,999 or less	194	199	173	171	186	167	307	318	300	291
\$10,000 - \$19,999	178	172	180	163	131	157	283	286	257	263
\$20,000 - \$29,999	133	127	116	112	117	144	240	185	196	200
\$30,000 - \$39,999	75	65	99	113	83	94	149	160	154	130
\$40,000 or more	136	111	117	123	159	139	276	299	262	263
All Households	716	674	685	682	656	701	1,255	1,248	1,169	1,147
Alaska										
\$9,999 or less	91	50	59	72	76	68	123	118	139	134
\$10,000 - \$19,999	98	97	95	101	92	98	193	177	207	220
\$20,000 - \$29,999	115	90	88	88	97	104	198	171	214	203
\$30,000 - \$39,999	92	85	87	81	83	81	193	165	168	163
\$40,000 or more	223	189	215	181	211	218	374	427	401	349
All Households	619	511	544	523	559	569	1,081	1,058	1,129	1,069
Arizona										
\$9,999 or less	157	179	207	191	165	161	178	192	202	227
\$10,000 - \$19,999	194	207	217	240	233	253	259	242	259	256
\$20,000 - \$29,999	161	386	147	144	162	176	193	192	204	175
\$30,000 - \$39,999	82	109	105	90	104	102	153	157	143	150
\$40,000 or more	153	144	150	176	203	204	264	303	275	280
All Households	747	771	826	841	867	896	1,047	1,086	1,083	1,088
Arkansas										
\$9,999 or less	191	199	198	209	189	185	249	241	252	245
\$10,000 - \$19,999	189	207	186	188	194	196	252	218	241	262
\$20,000 - \$29,999	121	126	128	133	118	116	153	169	159	166
\$30,000 - \$39,999	86	87	87	64	70	96	106	111	105	105
\$40,000 or more	89	96	72	82	106	105	143	165	146	152
All Households	676	715	672	676	677	698	903	904	903	930
California										
\$9,999 or less	1,048	983	996	913	916	793	917	953	986	999
\$10,000 - \$19,999	1,029	1,016	1,007	1,012	1,000	1,046	1,173	1,120	1,242	1,108
\$20,000 - \$29,999	800	714	758	737	801	766	978	977	909	859
\$30,000 - \$39,999	519	551	562	566	548	567	704	708	709	672
\$40,000 or more	1,194	1,113	1,173	1,237	1,260	1,281	1,839	1,811	1,764	1,750
All Households	4,590	4,377	4,496	4,485	4,525	4,453	5,611	5,568	5,600	5,389
Colorado										
\$9,999 or less	124	103	133	118	104	102	207	191	227	232
\$10,000 - \$19,999	153	153	161	156	159	160	272	340	355	330
\$20,000 - \$29,999	158	128	146	152	154	148	308	275	283	294
\$30,000 - \$39,999	119	122	122	114	118	108	220	198	223	227
\$40,000 or more	171	178	196	233	244	252	515	555	538	553
All Households	725	684	758	773	779	770	1,522	1,559	1,626	1,636
Connecticut										
\$9,999 or less	95	85	97	93	96	90	192	190	217	234
\$10,000 - \$19,999	100	101	92	89	104	101	225	246	244	218
\$20,000 - \$29,999	75	91	85	102	75	85	235	202	181	207
\$30,000 - \$39,999	66	66	60	62	65	69	170	201	180	187
\$40,000 or more	168	155	161	189	200	205	517	508	508	592
All Households	504	498	495	535	540	550	1,339	1,347	1,330	1,438
Delaware										
\$9,999 or less	82	92	89	71	88	75	132	113	133	132
\$10,000 - \$19,999	93	126	109	101	106	102	173	183	204	235
\$20,000 - \$29,999	100	95	83	97	99	97	173	188	187	173
\$30,000 - \$39,999	66	77	65	69	74	81	139	152	167	147
\$40,000 or more	111	111	152	159	136	154	326	355	318	321
All Households	452	501	498	487	503	509	943	1,001	1,009	1,008
District of Columbia										
\$9,999 or less	136	145	154	138	126	121	238	272	260	263
\$10,000 - \$19,999	131	139	124	136	128	133	220	226	255	215
\$20,000 - \$29,999	90	97	104	91	85	109	181	160	169	142
\$30,000 - \$39,999	66	80	57	65	45	47	113	132	102	103
\$40,000 or more	130	123	122	128	144	180	263	255	249	276
All Households	553	564	561	548	528	570	1,015	1,045	1,035	999
Florida										
\$9,999 or less	680	666	638	594	599	574	645	757	748	719
\$10,000 - \$19,999	745	691	706	678	654	733	844	843	857	871
\$20,000 - \$29,999	486	506	468	481	505	516	655	665	636	625
\$30,000 - \$39,999	302	310	328	335	347	342	447	399	429	408
\$40,000 or more	530	445	468	525	586	619	864	841	841	818
All Households	2,723	2,618	2,808	2,613	2,691	2,784	3,455	3,505	3,511	3,441

* Current dollar equivalents are at the end of Table 6.11

Table 6.17
Sample Size

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Georgia											
\$9,999 or less	272	209	180	147	164	168	154	147	165	160	146
\$10,000 - \$19,999	274	217	161	162	157	146	153	159	148	148	149
\$20,000 - \$29,999	192	162	125	121	124	143	128	117	111	125	131
\$30,000 - \$39,999	133	108	89	96	98	88	86	85	81	73	79
\$40,000 or more	168	153	123	146	162	150	147	134	117	127	153
All Households	1,039	849	678	672	705	695	668	642	622	633	658
Hawaii											
\$9,999 or less	101	87	76	73	84	80	80	68	61	74	54
\$10,000 - \$19,999	120	108	109	119	105	108	106	100	110	81	99
\$20,000 - \$29,999	117	92	84	85	91	107	99	89	95	97	85
\$30,000 - \$39,999	110	88	75	76	81	84	74	67	60	76	77
\$40,000 or more	143	153	154	146	181	151	162	170	166	173	153
All Households	591	528	498	499	522	530	521	494	492	501	468
Idaho											
\$9,999 or less	173	176	167	172	170	182	186	205	181	164	155
\$10,000 - \$19,999	248	210	217	206	224	187	202	213	193	200	200
\$20,000 - \$29,999	151	169	153	165	141	174	164	163	166	154	149
\$30,000 - \$39,999	93	99	96	96	88	87	87	109	73	96	104
\$40,000 or more	79	86	89	69	99	95	126	95	100	100	132
All Households	744	740	722	708	722	725	765	785	713	714	740
Illinois											
\$9,999 or less	444	514	527	483	511	480	473	470	496	521	488
\$10,000 - \$19,999	504	501	495	498	474	491	504	504	556	550	516
\$20,000 - \$29,999	437	492	500	470	430	457	475	476	453	459	451
\$30,000 - \$39,999	311	325	356	365	347	343	374	364	336	346	320
\$40,000 or more	456	471	527	522	593	605	616	691	578	551	540
All Households	2,152	2,303	2,405	2,338	2,355	2,376	2,442	2,435	2,419	2,427	2,315
Indiana											
\$9,999 or less	259	215	190	188	187	127	159	177	153	142	147
\$10,000 - \$19,999	273	247	237	215	245	187	177	158	173	178	171
\$20,000 - \$29,999	220	209	210	194	183	143	155	150	138	147	129
\$30,000 - \$39,999	151	140	140	120	116	110	98	81	84	93	90
\$40,000 or more	157	159	148	130	128	124	104	111	108	110	113
All Households	1,080	970	925	847	859	691	693	677	656	670	650
Iowa											
\$9,999 or less	228	191	172	161	169	158	167	176	158	169	174
\$10,000 - \$19,999	256	232	202	209	212	207	190	197	210	213	202
\$20,000 - \$29,999	199	188	159	165	163	162	168	183	183	176	141
\$30,000 - \$39,999	116	82	94	102	114	96	105	114	109	123	105
\$40,000 or more	140	146	103	111	94	121	119	123	113	102	110
All Households	939	819	730	748	752	744	749	793	783	783	732
Kansas											
\$9,999 or less	171	138	158	149	150	140	166	154	153	146	151
\$10,000 - \$19,999	197	182	178	180	177	192	184	174	190	216	190
\$20,000 - \$29,999	173	161	135	163	148	141	145	168	172	163	131
\$30,000 - \$39,999	111	119	107	96	100	98	96	106	93	100	102
\$40,000 or more	96	141	147	146	143	144	168	154	139	149	134
All Households	748	741	725	734	718	715	759	756	747	774	708
Kentucky											
\$9,999 or less	214	204	209	197	185	207	184	190	215	247	219
\$10,000 - \$19,999	208	189	204	187	181	186	162	157	187	159	178
\$20,000 - \$29,999	164	142	113	142	130	108	127	124	123	120	109
\$30,000 - \$39,999	95	82	82	79	73	70	79	94	90	85	57
\$40,000 or more	103	88	86	84	97	101	100	99	103	113	120
All Households	784	705	694	669	666	672	652	664	718	724	683
Louisiana											
\$9,999 or less	259	210	169	171	177	176	193	188	165	169	153
\$10,000 - \$19,999	185	180	148	119	138	143	112	128	144	130	136
\$20,000 - \$29,999	126	135	115	96	83	102	109	97	100	101	93
\$30,000 - \$39,999	101	86	81	69	83	80	64	76	76	70	64
\$40,000 or more	120	112	121	119	111	85	92	89	94	83	90
All Households	791	723	634	574	592	586	570	578	579	553	536
Maine											
\$9,999 or less	153	149	154	122	131	139	105	120	132	132	153
\$10,000 - \$19,999	197	181	147	154	161	133	165	163	148	132	157
\$20,000 - \$29,999	153	126	135	133	131	137	117	99	123	129	115
\$30,000 - \$39,999	108	97	77	74	87	98	78	90	85	89	73
\$40,000 or more	90	95	74	104	104	113	126	112	91	89	88
All Households	701	648	587	587	614	620	591	584	579	571	586

* Current dollar equivalents are at the end of Table 6.11

Table 6.17
Sample Size

Total Household Income in March 1984 Dollars *	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Georgia										
\$9,999 or less	242	164	172	151	138	128	203	204	200	222
\$10,000 - \$19,999	290	175	209	193	192	197	236	254	284	247
\$20,000 - \$29,999	246	173	145	167	137	138	222	223	220	214
\$30,000 - \$39,999	152	103	108	122	120	110	155	156	161	167
\$40,000 or more	264	167	187	213	207	195	278	281	271	261
All Households	1,194	782	821	846	794	768	1,094	1,118	1,136	1,111
Hawaii										
\$9,999 or less	84	71	83	85	75	73	132	176	189	175
\$10,000 - \$19,999	84	82	83	83	101	88	177	203	193	188
\$20,000 - \$29,999	75	97	87	74	73	76	191	198	189	177
\$30,000 - \$39,999	72	61	58	60	50	51	164	138	150	154
\$40,000 or more	145	147	136	115	139	154	367	346	337	386
All Households	440	458	447	417	438	442	1,031	1,061	1,058	1,080
Idaho										
\$9,999 or less	125	155	152	152	145	150	192	184	148	139
\$10,000 - \$19,999	193	167	168	213	188	198	236	229	286	231
\$20,000 - \$29,999	139	149	148	143	144	152	188	219	197	207
\$30,000 - \$39,999	91	92	101	106	109	105	151	137	134	150
\$40,000 or more	126	121	130	127	156	136	229	213	193	176
All Households	674	684	699	741	742	741	996	982	958	903
Illinois										
\$9,999 or less	489	369	381	370	345	320	440	443	494	491
\$10,000 - \$19,999	519	418	399	433	416	419	523	550	580	563
\$20,000 - \$29,999	444	372	348	355	360	382	460	511	496	464
\$30,000 - \$39,999	310	257	289	306	290	287	373	403	370	352
\$40,000 or more	627	582	574	579	650	689	925	886	796	877
All Households	2,389	1,998	1,991	2,043	2,061	2,097	2,721	2,793	2,736	2,747
Indiana										
\$9,999 or less	122	105	140	123	135	110	228	263	276	253
\$10,000 - \$19,999	172	182	163	153	146	151	306	300	339	345
\$20,000 - \$29,999	121	153	136	149	135	126	274	252	262	269
\$30,000 - \$39,999	60	81	103	111	102	106	207	185	228	176
\$40,000 or more	107	119	124	148	150	158	374	385	375	393
All Households	582	640	666	684	669	651	1,389	1,385	1,480	1,436
Iowa										
\$9,999 or less	138	128	113	118	107	119	200	204	205	230
\$10,000 - \$19,999	157	154	188	187	180	153	306	301	294	295
\$20,000 - \$29,999	134	142	127	126	135	127	280	226	233	232
\$30,000 - \$39,999	107	104	93	93	84	96	200	229	214	199
\$40,000 or more	118	119	122	133	141	162	327	319	296	336
All Households	654	647	643	657	647	657	1,293	1,279	1,242	1,292
Kansas										
\$9,999 or less	160	159	139	127	133	135	225	232	246	248
\$10,000 - \$19,999	191	174	170	156	159	160	283	285	291	288
\$20,000 - \$29,999	136	117	107	135	130	113	240	231	237	269
\$30,000 - \$39,999	70	76	70	89	95	98	165	178	213	195
\$40,000 or more	127	134	144	144	148	158	363	372	364	346
All Households	684	660	630	651	665	664	1,276	1,298	1,351	1,346
Kentucky										
\$9,999 or less	187	159	174	149	153	164	217	233	230	244
\$10,000 - \$19,999	172	147	140	155	144	156	251	229	257	245
\$20,000 - \$29,999	107	131	106	99	119	115	223	219	211	215
\$30,000 - \$39,999	63	69	109	87	82	75	130	125	133	107
\$40,000 or more	115	117	112	142	153	146	241	280	224	238
All Households	644	623	641	632	651	656	1,062	1,086	1,055	1,049
Louisiana										
\$9,999 or less	194	177	179	155	188	167	249	239	260	256
\$10,000 - \$19,999	156	163	153	157	159	161	224	223	227	233
\$20,000 - \$29,999	110	131	126	114	119	128	140	155	150	152
\$30,000 - \$39,999	76	70	77	85	79	83	103	82	112	100
\$40,000 or more	102	91	113	140	144	133	154	201	184	176
All Households	638	632	648	651	689	652	870	900	933	917
Maine										
\$9,999 or less	132	103	109	113	94	95	250	274	269	262
\$10,000 - \$19,999	132	130	130	149	140	122	279	290	283	314
\$20,000 - \$29,999	111	134	119	113	123	132	250	237	220	209
\$30,000 - \$39,999	57	72	82	67	77	60	199	163	164	185
\$40,000 or more	91	81	84	97	116	127	290	305	268	279
All Households	523	520	524	539	550	536	1,268	1,269	1,204	1,249

* Current dollar equivalents are at the end of Table 6.11

Table 6.17
Sample Size

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Maryland											
\$9,999 or less	129	140	140	126	108	75	91	86	85	91	70
\$10,000 - \$19,999	183	171	156	133	124	104	107	101	111	134	117
\$20,000 - \$29,999	183	151	153	142	131	95	123	111	115	93	101
\$30,000 - \$39,999	142	128	122	122	135	79	88	94	85	94	73
\$40,000 or more	302	311	276	240	262	202	190	187	175	173	164
All Households	939	901	847	783	760	555	599	579	571	585	525
Massachusetts											
\$9,999 or less	246	331	420	410	418	414	426	481	455	448	477
\$10,000 - \$19,999	293	378	420	412	412	395	383	414	437	431	415
\$20,000 - \$29,999	262	340	446	388	383	398	370	342	374	387	393
\$30,000 - \$39,999	197	278	371	346	347	311	303	335	323	317	293
\$40,000 or more	345	483	603	651	712	721	761	697	636	646	662
All Households	1,343	1,810	2,260	2,207	2,272	2,239	2,243	2,269	2,225	2,229	2,240
Michigan											
\$9,999 or less	418	523	529	480	476	456	472	541	523	514	504
\$10,000 - \$19,999	408	445	527	474	485	454	510	547	536	562	534
\$20,000 - \$29,999	394	385	415	433	432	476	444	440	465	449	446
\$30,000 - \$39,999	273	302	337	332	328	341	368	352	340	325	318
\$40,000 or more	303	429	537	573	600	558	577	550	581	565	542
All Households	1,786	2,084	2,345	2,272	2,301	2,287	2,371	2,430	2,445	2,415	2,344
Minnesota											
\$9,999 or less	201	165	154	130	131	137	120	118	137	149	134
\$10,000 - \$19,999	255	212	161	142	131	134	130	145	164	154	134
\$20,000 - \$29,999	225	175	141	121	124	125	118	118	138	134	138
\$30,000 - \$39,999	197	140	110	94	120	99	86	86	86	95	90
\$40,000 or more	210	192	152	157	153	141	153	153	120	149	156
All Households	1,088	884	718	644	659	636	614	620	645	681	652
Mississippi											
\$9,999 or less	296	259	254	259	240	249	264	267	285	294	251
\$10,000 - \$19,999	201	222	212	192	205	198	196	218	202	198	200
\$20,000 - \$29,999	148	125	124	113	121	127	139	125	129	131	115
\$30,000 - \$39,999	70	66	87	82	82	81	100	78	83	78	85
\$40,000 or more	79	77	84	84	87	89	80	74	71	95	96
All Households	794	749	741	730	735	745	779	762	770	796	747
Missouri											
\$9,999 or less	266	249	197	189	188	174	148	156	192	189	171
\$10,000 - \$19,999	294	257	238	214	197	183	173	172	142	171	154
\$20,000 - \$29,999	182	196	193	145	162	114	132	126	128	123	123
\$30,000 - \$39,999	130	134	131	119	114	91	84	79	81	98	96
\$40,000 or more	173	171	148	148	147	120	121	112	114	114	97
All Households	1,045	1,009	907	815	808	682	658	645	657	694	641
Montana											
\$9,999 or less	230	185	207	201	233	192	207	210	186	168	182
\$10,000 - \$19,999	220	201	203	227	210	221	206	232	216	232	225
\$20,000 - \$29,999	180	143	139	154	152	167	153	160	142	148	145
\$30,000 - \$39,999	104	98	97	90	91	99	121	80	82	99	84
\$40,000 or more	96	102	131	125	106	94	106	101	113	108	121
All Households	830	729	777	797	792	773	793	793	739	755	757
Nebraska											
\$9,999 or less	202	164	167	158	160	156	170	186	163	163	147
\$10,000 - \$19,999	192	209	193	206	204	206	201	199	204	205	191
\$20,000 - \$29,999	155	171	166	158	161	166	147	165	176	175	179
\$30,000 - \$39,999	93	104	99	100	107	100	113	115	126	128	106
\$40,000 or more	109	117	104	106	117	121	130	118	113	125	129
All Households	751	765	729	728	749	749	761	763	782	796	752
Nevada											
\$9,999 or less	98	88	114	77	97	94	100	124	112	120	100
\$10,000 - \$19,999	143	147	135	138	153	144	159	161	185	152	136
\$20,000 - \$29,999	135	118	101	122	129	143	160	152	139	149	145
\$30,000 - \$39,999	114	104	87	82	94	87	105	107	93	101	89
\$40,000 or more	123	120	106	128	124	134	126	158	166	126	145
All Households	613	577	543	547	597	602	650	702	695	648	615
New Hampshire											
\$9,999 or less	104	86	61	65	63	83	77	58	79	74	66
\$10,000 - \$19,999	135	116	111	97	112	81	84	74	81	85	91
\$20,000 - \$29,999	120	111	107	102	100	99	94	83	88	108	98
\$30,000 - \$39,999	86	86	69	82	93	85	85	83	63	82	71
\$40,000 or more	94	107	103	134	149	147	166	136	132	129	109
All Households	539	506	451	480	517	495	506	434	443	478	435

* Current dollar equivalents are at the end of Table 6.11

Table 6.17
Sample Size

Total Household Income in March 1984 Dollars *	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Maryland										
\$9,999 or less	102	92	94	72	77	81	186	188	175	201
\$10,000 - \$19,999	124	125	107	111	97	96	214	207	223	190
\$20,000 - \$29,999	93	102	94	107	95	103	201	198	195	233
\$30,000 - \$39,999	79	66	76	77	92	86	192	151	144	164
\$40,000 or more	158	184	180	197	189	205	481	522	505	451
All Households	556	569	551	564	550	573	1,274	1,267	1,242	1,239
Massachusetts										
\$9,999 or less	487	250	245	251	227	224	259	248	255	267
\$10,000 - \$19,999	429	230	247	217	263	241	244	242	238	235
\$20,000 - \$29,999	328	189	188	194	173	159	224	207	244	198
\$30,000 - \$39,999	328	143	159	136	159	142	210	193	175	187
\$40,000 or more	703	339	346	389	381	380	496	579	531	522
All Households	2,275	1,151	1,185	1,187	1,203	1,146	1,433	1,469	1,443	1,409
Michigan										
\$9,999 or less	480	327	304	312	291	280	361	346	410	381
\$10,000 - \$19,999	519	349	366	340	345	328	412	443	487	445
\$20,000 - \$29,999	487	287	284	308	278	282	370	381	381	332
\$30,000 - \$39,999	332	224	250	221	239	247	298	285	290	314
\$40,000 or more	597	468	477	481	512	551	731	686	637	649
All Households	2,395	1,655	1,681	1,662	1,665	1,688	2,172	2,141	2,185	2,121
Minnesota										
\$9,999 or less	135	123	117	112	110	116	155	155	156	198
\$10,000 - \$19,999	145	158	147	141	127	137	240	253	241	243
\$20,000 - \$29,999	122	126	126	136	112	130	257	249	243	253
\$30,000 - \$39,999	80	96	110	93	106	105	201	235	217	201
\$40,000 or more	151	182	176	209	226	216	553	520	541	525
All Households	633	685	676	691	681	704	1,406	1,412	1,398	1,420
Mississippi										
\$9,999 or less	207	184	181	167	166	160	225	250	246	223
\$10,000 - \$19,999	182	180	158	153	158	146	177	197	204	217
\$20,000 - \$29,999	106	106	118	114	97	104	149	140	123	145
\$30,000 - \$39,999	70	70	56	73	67	70	100	90	103	85
\$40,000 or more	90	75	99	84	101	110	149	135	148	169
All Households	655	596	612	591	589	590	800	812	824	839
Missouri										
\$9,999 or less	130	110	120	118	98	101	176	183	217	211
\$10,000 - \$19,999	147	149	162	145	142	133	240	284	249	256
\$20,000 - \$29,999	129	122	113	103	96	118	232	206	211	200
\$30,000 - \$39,999	79	90	92	95	99	95	195	173	161	181
\$40,000 or more	83	115	125	135	144	151	337	346	340	320
All Households	568	586	612	596	579	598	1,180	1,192	1,178	1,168
Montana										
\$9,999 or less	173	165	161	167	157	173	186	204	207	204
\$10,000 - \$19,999	220	210	210	206	204	192	247	238	215	231
\$20,000 - \$29,999	152	141	136	146	158	126	173	165	171	146
\$30,000 - \$39,999	84	72	72	84	74	84	96	110	112	114
\$40,000 or more	111	104	109	104	124	112	164	140	151	129
All Households	740	692	688	707	718	687	866	857	856	824
Nebraska										
\$9,999 or less	128	153	140	141	149	150	185	180	206	204
\$10,000 - \$19,999	193	157	170	169	163	151	271	284	275	262
\$20,000 - \$29,999	139	147	136	133	132	138	236	233	225	222
\$30,000 - \$39,999	96	78	95	80	95	84	174	204	174	177
\$40,000 or more	131	119	122	147	149	166	351	330	328	339
All Households	687	654	663	670	688	689	1,217	1,231	1,208	1,204
Nevada										
\$9,999 or less	120	115	83	119	111	105	189	166	203	248
\$10,000 - \$19,999	137	142	158	146	168	182	303	368	404	349
\$20,000 - \$29,999	118	107	140	130	169	142	294	307	307	270
\$30,000 - \$39,999	98	94	77	102	97	99	235	208	215	211
\$40,000 or more	141	131	155	171	186	212	396	422	413	408
All Households	614	589	611	668	731	740	1,417	1,471	1,542	1,486
New Hampshire										
\$9,999 or less	77	80	77	71	77	89	154	156	165	152
\$10,000 - \$19,999	121	98	116	111	85	111	228	218	189	190
\$20,000 - \$29,999	82	108	86	88	108	90	214	206	215	207
\$30,000 - \$39,999	79	64	69	69	73	65	187	178	199	182
\$40,000 or more	111	128	115	148	157	163	498	466	496	488
All Households	470	478	463	487	500	488	1,281	1,224	1,264	1,239

* Current dollar equivalents are at the end of Table 6.11

Table 6.17
Sample Size

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
New Jersey											
\$9,999 or less	300	353	375	409	389	355	359	387	433	453	447
\$10,000 - \$19,999	311	363	432	398	398	396	429	406	452	465	442
\$20,000 - \$29,999	292	335	384	384	362	382	351	438	385	395	389
\$30,000 - \$39,999	206	302	377	349	366	346	372	335	317	307	318
\$40,000 or more	382	563	739	740	741	793	821	820	834	775	790
All Households	1,491	1,916	2,307	2,280	2,256	2,272	2,332	2,386	2,421	2,395	2,386
New Mexico											
\$9,999 or less	250	232	202	208	206	242	231	203	225	216	192
\$10,000 - \$19,999	219	214	221	246	249	257	247	235	199	189	203
\$20,000 - \$29,999	183	162	148	154	155	165	175	155	153	126	112
\$30,000 - \$39,999	102	101	94	94	84	80	87	81	106	110	96
\$40,000 or more	129	150	132	112	111	108	137	124	122	117	122
All Households	863	859	805	814	805	852	877	808	805	758	725
New York											
\$9,999 or less	1,044	1,025	1,028	995	971	628	1,000	1,083	1,111	1,067	1,072
\$10,000 - \$19,999	800	914	950	870	885	553	877	879	878	941	907
\$20,000 - \$29,999	663	740	726	745	708	487	766	792	741	704	681
\$30,000 - \$39,999	493	498	542	569	541	376	584	605	560	546	517
\$40,000 or more	676	825	956	947	1,007	677	1,213	1,077	1,049	971	931
All Households	3,676	4,002	4,202	4,126	4,112	2,721	4,440	4,436	4,339	4,229	4,108
North Carolina											
\$9,999 or less	255	434	551	576	575	542	572	563	565	567	530
\$10,000 - \$19,999	294	458	561	588	589	607	611	632	633	619	600
\$20,000 - \$29,999	237	346	474	478	441	471	484	464	444	437	429
\$30,000 - \$39,999	154	220	284	314	323	321	356	329	331	334	314
\$40,000 or more	132	266	368	359	402	422	445	401	398	443	405
All Households	1,072	1,724	2,238	2,315	2,330	2,363	2,468	2,389	2,389	2,400	2,278
North Dakota											
\$9,999 or less	187	196	173	180	195	175	167	187	195	168	180
\$10,000 - \$19,999	185	206	196	206	213	220	219	217	221	227	237
\$20,000 - \$29,999	157	171	153	153	179	165	176	168	170	177	157
\$30,000 - \$39,999	102	100	113	127	117	115	110	104	97	78	100
\$40,000 or more	108	110	106	97	109	114	87	103	97	107	119
All Households	739	783	741	763	813	789	769	779	780	757	793
Ohio											
\$9,999 or less	462	501	479	495	509	518	503	533	554	541	543
\$10,000 - \$19,999	531	546	540	555	577	544	608	644	636	639	641
\$20,000 - \$29,999	485	503	491	491	522	509	504	493	505	521	461
\$30,000 - \$39,999	308	357	376	355	360	384	366	365	371	400	353
\$40,000 or more	373	404	486	497	521	519	551	570	503	521	543
All Households	2,159	2,311	2,372	2,393	2,489	2,474	2,532	2,605	2,569	2,622	2,541
Oklahoma											
\$9,999 or less	228	189	196	170	189	184	178	177	212	219	223
\$10,000 - \$19,999	245	214	202	189	180	169	187	214	182	197	189
\$20,000 - \$29,999	159	151	167	128	131	130	115	137	131	125	156
\$30,000 - \$39,999	113	106	105	78	87	71	80	82	100	91	85
\$40,000 or more	144	155	127	124	119	128	131	111	116	121	108
All Households	889	815	797	689	706	682	691	721	741	753	761
Oregon											
\$9,999 or less	181	137	123	126	134	107	119	129	135	136	122
\$10,000 - \$19,999	197	196	150	133	124	143	157	161	169	152	152
\$20,000 - \$29,999	184	135	108	142	133	131	132	140	135	108	132
\$30,000 - \$39,999	111	95	76	85	87	98	94	84	95	102	74
\$40,000 or more	118	122	104	99	103	110	108	127	121	141	143
All Households	791	685	561	585	581	589	610	641	655	639	623
Pennsylvania											
\$9,999 or less	575	602	533	494	539	493	513	549	560	590	563
\$10,000 - \$19,999	564	656	652	625	585	608	590	648	612	626	604
\$20,000 - \$29,999	488	475	500	497	509	493	488	522	500	482	479
\$30,000 - \$39,999	297	321	358	326	353	354	361	352	387	332	311
\$40,000 or more	369	410	470	469	493	508	554	513	509	520	519
All Households	2,293	2,464	2,513	2,411	2,479	2,456	2,506	2,584	2,568	2,550	2,476
Rhode Island											
\$9,999 or less	147	141	115	101	97	107	104	88	116	121	119
\$10,000 - \$19,999	143	129	109	110	117	109	121	121	115	127	111
\$20,000 - \$29,999	124	127	109	105	100	90	109	105	106	109	99
\$30,000 - \$39,999	96	82	82	85	89	81	86	63	72	69	80
\$40,000 or more	85	98	99	117	119	145	125	123	106	100	116
All Households	605	577	514	518	522	532	545	500	515	526	525

* Current dollar equivalents are at the end of Table 6.11

Table 6.17
Sample Size

Total Household Income in March 1984 Dollars *	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
New Jersey										
\$9,999 or less	432	284	256	239	252	256	309	309	298	306
\$10,000 - \$19,999	426	250	292	258	279	297	340	348	346	327
\$20,000 - \$29,999	364	247	205	229	209	235	315	299	297	276
\$30,000 - \$39,999	345	226	231	183	207	219	244	244	253	249
\$40,000 or more	771	481	522	547	552	526	755	767	787	789
All Households	2,338	1,488	1,506	1,456	1,499	1,533	1,963	1,967	1,981	1,947
New Mexico										
\$9,999 or less	233	287	295	229	241	221	245	256	257	244
\$10,000 - \$19,999	211	227	263	245	224	231	244	285	253	274
\$20,000 - \$29,999	149	152	144	166	152	170	204	195	186	170
\$30,000 - \$39,999	100	89	91	101	117	92	139	141	127	103
\$40,000 or more	117	112	124	142	178	166	185	180	188	195
All Households	810	867	917	883	912	880	1,017	1,057	1,011	986
New York										
\$9,999 or less	1,107	909	899	895	848	768	912	928	889	839
\$10,000 - \$19,999	878	751	715	673	650	703	889	793	846	746
\$20,000 - \$29,999	673	559	533	535	522	628	649	674	639	562
\$30,000 - \$39,999	447	407	438	384	406	358	505	467	461	461
\$40,000 or more	959	779	804	863	861	950	1,247	1,224	1,165	1,109
All Households	4,064	3,405	3,389	3,350	3,287	3,307	4,202	4,066	4,000	3,717
North Carolina										
\$9,999 or less	512	278	261	229	281	278	349	353	378	395
\$10,000 - \$19,999	511	288	314	311	283	303	379	389	423	413
\$20,000 - \$29,999	390	221	249	237	232	231	320	347	290	278
\$30,000 - \$39,999	261	156	191	171	169	166	221	201	210	203
\$40,000 or more	390	249	290	290	304	331	383	389	374	355
All Households	2,064	1,192	1,305	1,238	1,269	1,299	1,652	1,679	1,675	1,644
North Dakota										
\$9,999 or less	173	161	158	162	163	152	215	242	232	215
\$10,000 - \$19,999	197	172	162	161	181	163	274	255	270	224
\$20,000 - \$29,999	145	116	148	133	89	127	222	217	203	222
\$30,000 - \$39,999	94	94	84	85	91	87	180	166	163	174
\$40,000 or more	92	91	89	103	113	93	210	217	200	207
All Households	701	634	641	644	637	622	1,101	1,097	1,068	1,039
Ohio										
\$9,999 or less	548	378	397	364	357	353	435	451	425	414
\$10,000 - \$19,999	578	438	439	449	429	433	486	504	538	492
\$20,000 - \$29,999	477	306	316	319	287	360	459	467	439	424
\$30,000 - \$39,999	317	268	247	264	263	248	371	316	337	320
\$40,000 or more	516	442	423	475	538	490	724	709	685	649
All Households	2,436	1,832	1,822	1,871	1,874	1,884	2,475	2,447	2,404	2,299
Oklahoma										
\$9,999 or less	217	213	219	186	176	181	252	235	245	227
\$10,000 - \$19,999	203	214	212	202	185	202	300	265	270	269
\$20,000 - \$29,999	134	127	136	165	145	137	198	207	217	193
\$30,000 - \$39,999	95	81	93	86	98	93	114	144	131	110
\$40,000 or more	119	118	125	128	156	150	227	216	209	176
All Households	768	753	785	768	760	763	1,081	1,067	1,072	975
Oregon										
\$9,999 or less	131	112	115	119	133	114	188	191	215	206
\$10,000 - \$19,999	167	150	163	148	131	139	258	277	272	287
\$20,000 - \$29,999	128	136	129	110	115	136	235	235	246	214
\$30,000 - \$39,999	93	94	78	83	89	91	169	153	172	172
\$40,000 or more	123	131	133	160	169	153	348	345	315	281
All Households	642	623	618	620	637	633	1,198	1,201	1,220	1,160
Pennsylvania										
\$9,999 or less	547	456	445	418	407	407	448	460	491	506
\$10,000 - \$19,999	609	470	494	445	461	480	528	554	588	574
\$20,000 - \$29,999	491	413	387	383	373	335	480	465	472	449
\$30,000 - \$39,999	339	307	276	280	273	269	364	383	373	375
\$40,000 or more	522	473	491	524	572	532	839	829	817	827
All Households	2,508	2,119	2,093	2,050	2,086	2,023	2,659	2,691	2,741	2,731
Rhode Island										
\$9,999 or less	118	143	141	137	119	121	271	272	271	283
\$10,000 - \$19,999	125	103	88	110	105	105	257	230	261	269
\$20,000 - \$29,999	101	106	114	76	72	70	205	210	238	224
\$30,000 - \$39,999	72	87	73	54	69	71	173	168	165	189
\$40,000 or more	113	103	111	143	165	148	420	474	395	424
All Households	529	542	527	520	530	515	1,326	1,354	1,330	1,368

* Current dollar equivalents are at the end of Table 6.11

Table 6.17
Sample Size

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
South Carolina											
\$9,999 or less	178	151	183	186	183	192	228	171	183	179	201
\$10,000 - \$19,999	178	159	168	172	177	174	204	173	181	184	174
\$20,000 - \$29,999	132	121	115	144	140	160	141	164	129	136	121
\$30,000 - \$39,999	68	81	78	90	115	111	109	102	105	105	67
\$40,000 or more	66	104	135	138	144	147	142	148	142	126	137
All Households	622	816	679	730	739	784	824	758	740	730	700
South Dakota											
\$9,999 or less	253	232	225	232	222	196	218	189	199	229	223
\$10,000 - \$19,999	249	218	260	255	248	234	203	247	257	242	232
\$20,000 - \$29,999	185	190	169	182	184	158	185	167	171	196	182
\$30,000 - \$39,999	85	104	90	104	98	91	98	114	98	105	105
\$40,000 or more	99	96	96	81	118	129	109	95	94	107	115
All Households	871	840	840	864	870	808	813	812	819	879	857
Tennessee											
\$9,999 or less	256	249	194	212	198	199	213	190	213	216	216
\$10,000 - \$19,999	229	214	201	188	180	196	164	212	219	223	187
\$20,000 - \$29,999	154	141	123	134	143	133	132	129	145	140	141
\$30,000 - \$39,999	96	94	72	73	79	79	86	81	89	94	77
\$40,000 or more	107	111	78	87	110	115	105	104	114	103	95
All Households	842	809	668	694	710	722	700	716	780	776	726
Texas											
\$9,999 or less	698	703	687	714	735	782	801	721	755	770	744
\$10,000 - \$19,999	787	785	750	734	759	800	813	818	796	7	810
\$20,000 - \$29,999	602	637	552	550	509	612	562	601	571	521	502
\$30,000 - \$39,999	410	390	404	379	429	345	387	377	334	342	331
\$40,000 or more	605	606	615	597	586	567	567	547	517	538	554
All Households	3,102	3,121	3,008	2,974	3,018	3,106	3,130	3,064	2,973	2,958	2,941
Utah											
\$9,999 or less	165	119	84	93	82	103	92	109	135	95	75
\$10,000 - \$19,999	221	165	154	150	170	171	157	169	169	132	145
\$20,000 - \$29,999	208	155	131	150	135	133	144	147	129	136	125
\$30,000 - \$39,999	109	97	78	93	94	102	108	94	80	94	100
\$40,000 or more	131	132	119	123	127	97	131	121	104	120	121
All Households	834	688	568	608	618	608	632	640	617	577	566
Vermont											
\$9,999 or less	132	106	81	101	108	84	75	90	111	79	88
\$10,000 - \$19,999	175	140	111	131	134	120	115	127	120	110	112
\$20,000 - \$29,999	114	109	106	112	104	110	111	101	94	106	104
\$30,000 - \$39,999	89	85	79	82	82	72	81	67	67	70	56
\$40,000 or more	75	80	112	99	106	116	109	106	100	67	82
All Households	588	520	489	525	534	502	491	491	492	432	442
Virginia											
\$9,999 or less	167	154	134	122	137	138	152	144	120	120	124
\$10,000 - \$19,999	237	214	163	167	173	164	169	180	175	157	172
\$20,000 - \$29,999	215	190	143	185	173	142	148	166	153	151	126
\$30,000 - \$39,999	163	137	132	123	98	112	111	139	111	126	108
\$40,000 or more	267	240	202	239	263	264	283	226	217	215	214
All Households	1,049	935	774	816	844	820	863	855	776	789	744
Washington											
\$9,999 or less	160	126	114	123	122	97	104	109	108	105	109
\$10,000 - \$19,999	229	182	156	138	154	154	176	185	155	145	135
\$20,000 - \$29,999	210	171	129	133	131	139	143	152	137	149	123
\$30,000 - \$39,999	136	117	95	100	107	120	131	125	102	82	86
\$40,000 or more	170	167	143	153	151	167	175	155	170	157	180
All Households	905	763	637	647	665	677	729	726	672	638	623
West Virginia											
\$9,999 or less	216	203	235	243	238	227	207	207	217	245	219
\$10,000 - \$19,999	205	201	215	191	191	207	217	200	213	214	208
\$20,000 - \$29,999	126	132	111	129	131	131	134	134	130	110	132
\$30,000 - \$39,999	74	78	76	76	71	71	83	91	84	69	64
\$40,000 or more	68	75	69	67	73	84	89	76	81	68	74
All Households	689	689	706	706	704	720	730	708	725	706	697
Wisconsin											
\$9,999 or less	175	221	172	161	157	135	154	163	141	158	158
\$10,000 - \$19,999	246	191	192	163	184	174	197	208	216	196	196
\$20,000 - \$29,999	191	154	171	179	142	164	180	172	178	173	149
\$30,000 - \$39,999	144	117	121	123	130	130	128	137	136	137	134
\$40,000 or more	149	126	128	157	167	169	169	169	160	181	162
All Households	905	809	784	783	780	772	828	850	831	855	799

* Current dollar equivalents are at the end of Table 6.11

Table 5.17
Sample Size

Total Household Income in March 1984 Dollars *	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
South Carolina										
\$9,999 or less	147	133	105	122	123	104	216	217	245	262
\$10,000 - \$19,999	147	131	132	125	138	140	240	217	240	244
\$20,000 - \$29,999	99	82	107	108	91	92	186	192	189	176
\$30,000 - \$39,999	69	60	66	58	79	76	126	120	119	120
\$40,000 or more	118	99	112	127	112	118	246	211	221	250
All Households	580	505	522	540	543	528	1,014	957	1,014	1,052
South Dakota										
\$9,999 or less	189	175	179	147	132	122	244	216	238	228
\$10,000 - \$19,999	203	180	187	182	175	176	286	256	286	253
\$20,000 - \$29,999	161	149	150	126	130	139	252	271	234	217
\$30,000 - \$39,999	94	69	70	73	72	96	184	194	168	168
\$40,000 or more	121	113	98	111	129	113	244	262	245	246
All Households	768	686	684	639	638	646	1,210	1,199	1,171	1,112
Tennessee										
\$9,999 or less	173	153	172	142	140	145	214	216	230	216
\$10,000 - \$19,999	174	186	159	185	165	158	246	223	240	232
\$20,000 - \$29,999	142	116	120	122	130	126	177	190	172	170
\$30,000 - \$39,999	72	84	98	80	90	91	124	102	127	107
\$40,000 or more	105	96	106	106	131	141	212	239	218	204
All Households	686	637	655	645	656	661	973	970	987	929
Texas										
\$9,999 or less	709	667	627	657	602	626	732	685	724	819
\$10,000 - \$19,999	717	668	699	657	720	683	814	826	861	873
\$20,000 - \$29,999	490	491	481	487	502	505	655	639	635	604
\$30,000 - \$39,999	314	304	317	336	321	353	442	405	435	404
\$40,000 or more	565	531	559	576	632	675	861	926	864	836
All Households	2,795	2,661	2,683	2,713	2,777	2,842	3,504	3,481	3,519	3,536
Utah										
\$9,999 or less	110	77	74	83	87	83	108	135	134	111
\$10,000 - \$19,999	141	167	177	133	126	137	185	193	179	194
\$20,000 - \$29,999	131	142	135	126	123	124	186	179	217	207
\$30,000 - \$39,999	89	107	102	118	93	96	153	169	148	160
\$40,000 or more	133	125	136	166	172	176	300	302	294	291
All Households	604	618	624	626	601	616	932	978	972	963
Vermont										
\$9,999 or less	89	99	112	103	82	94	206	186	201	200
\$10,000 - \$19,999	119	131	134	129	122	107	265	256	215	248
\$20,000 - \$29,999	94	110	92	109	96	101	237	211	211	201
\$30,000 - \$39,999	74	71	88	65	72	73	167	142	159	155
\$40,000 or more	112	96	81	107	112	118	299	322	285	333
All Households	488	507	507	513	484	493	1,174	1,119	1,071	1,137
Virginia										
\$9,999 or less	171	132	132	141	118	109	194	206	200	224
\$10,000 - \$19,999	252	169	169	144	165	152	269	238	284	231
\$20,000 - \$29,999	218	135	139	118	122	140	245	247	215	211
\$30,000 - \$39,999	183	86	96	100	93	103	178	165	184	209
\$40,000 or more	357	195	211	233	251	257	445	477	457	478
All Households	1,181	717	747	736	749	781	1,331	1,333	1,340	1,353
Washington										
\$9,999 or less	129	111	116	110	94	114	223	209	233	237
\$10,000 - \$19,999	174	162	169	119	122	124	278	316	308	259
\$20,000 - \$29,999	130	124	105	136	134	122	286	232	251	247
\$30,000 - \$39,999	75	87	86	101	115	88	186	187	159	184
\$40,000 or more	155	155	167	203	218	213	397	417	436	424
All Households	663	629	643	669	683	661	1,350	1,361	1,387	1,361
West Virginia										
\$9,999 or less	223	214	224	206	206	194	297	305	312	298
\$10,000 - \$19,999	195	195	181	168	185	193	304	292	315	277
\$20,000 - \$29,999	125	127	119	134	120	136	191	191	191	214
\$30,000 - \$39,999	76	68	68	78	64	71	168	130	126	133
\$40,000 or more	79	98	96	96	107	103	172	190	181	165
All Households	698	702	688	682	682	697	1,132	1,108	1,125	1,087
Wisconsin										
\$9,999 or less	119	108	130	119	113	115	202	202	218	216
\$10,000 - \$19,999	170	145	150	149	154	148	309	325	331	305
\$20,000 - \$29,999	159	151	140	155	139	135	275	295	296	285
\$30,000 - \$39,999	105	133	113	99	114	106	241	234	229	220
\$40,000 or more	167	179	196	183	187	213	461	469	421	430
All Households	720	716	729	705	707	717	1,488	1,525	1,495	1,456

* Current dollar equivalents are at the end of Table 6.11

Table 6.17
Sample Size

Total Household Income in March 1994 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Wyoming											
\$9,999 or less	106	101	119	99	94	103	87	111	109	102	114
\$10,000 - \$19,999	145	131	140	107	102	127	131	120	138	137	118
\$20,000 - \$29,999	140	133	82	83	92	96	110	113	118	108	90
\$30,000 - \$39,999	81	91	81	74	80	85	84	84	89	75	76
\$40,000 or more	87	113	106	88	114	97	106	94	82	95	78
All Households	569	569	528	451	482	508	518	522	536	517	476
United States Total											
\$9,999 or less	13,633	13,345	12,825	12,530	12,661	11,801	12,676	13,007	13,224	13,325	13,015
\$10,000 - \$19,999	14,753	14,478	13,991	13,578	13,729	13,014	13,841	14,240	14,329	14,174	13,768
\$20,000 - \$29,999	11,789	11,789	11,303	11,263	11,185	10,831	11,527	11,637	11,289	11,169	10,631
\$30,000 - \$39,999	7,968	8,053	8,176	8,157	8,326	7,637	8,337	8,182	7,875	7,910	7,342
\$40,000 or more	10,536	11,609	12,198	12,457	13,074	12,052	13,560	12,863	12,902	12,392	12,323
All Households	58,679	59,274	58,493	57,965	58,975	55,335	59,941	59,929	59,219	58,970	57,079

* Current dollar equivalents are at the end of Table 6.11

Table 6.17
Sample Size

Total Household Income in March 1984 Dollars *	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Wyoming										
\$9,999 or less	120	150	138	157	129	128	179	174	182	170
\$10,000 - \$19,999	150	167	180	150	164	162	232	244	266	254
\$20,000 - \$29,999	114	119	118	131	126	143	230	213	233	207
\$30,000 - \$39,999	105	90	90	93	93	91	168	158	131	173
\$40,000 or more	109	112	105	117	128	134	236	230	227	249
All Households	598	638	631	648	640	658	1,045	1,019	1,039	1,053
United States Total										
\$9,999 or less	12,867	11,130	11,103	10,808	10,304	9,941	14,039	14,322	14,839	14,901
\$10,000 - \$19,999	13,540	11,833	11,998	11,625	11,542	11,739	16,674	16,777	17,472	16,791
\$20,000 - \$29,999	10,513	9,271	9,061	9,178	9,016	9,234	14,299	14,123	13,919	13,409
\$30,000 - \$39,999	7,275	6,462	6,714	6,807	6,714	6,643	10,746	10,395	10,426	10,298
\$40,000 or more	12,746	10,966	11,435	12,337	13,209	13,459	22,296	22,648	21,654	21,750
All Households	56,941	49,682	50,311	50,353	50,785	51,016	78,054	78,265	78,310	77,149

* Current dollar equivalents are at the end of Table 6.11

7. Rates and Price Indices

This section contains information on telephone price indices and rate levels.¹ It describes and presents a series of price indices maintained by the Bureau of Labor Statistics (BLS). It also discusses rate levels and changes in average rate levels.

Telephone Service Price Indices

The BLS collects a variety of information on telephone service as part of three separate programs -- the Consumer Price Index (CPI), the Producer Price Index (PPI), and the Consumer Expenditure Survey. They can be found on the Internet at www.bls.gov/data. The monthly price indices represent prices sampled in the middle of the month.

A Consumer Price Index for telephone services was first published in 1935.² Since that time, telephone prices have tended to increase at a slower pace than most other prices. Table 7.1 shows long-run changes in the Consumer Price Indices for all items, all services, telephone services, each of the seven major categories that currently constitute the overall CPI, and several services that are often characterized as public utilities. The price of telephone service has increased less rapidly than the prices of most of these categories when viewed over a long period of time. Chart 7.1 shows the levels of the overall CPI and the CPI for telephone services over time.

The CPI index of telephone services is based on a "market basket" intended to represent the telephone-related expenditures of a typical urban household. It includes both local and long distance services. The annual rate of change during recent years is shown in Table 7.2 for the overall CPI (which measures the impact of inflation on consumers), and the CPI for telephone services. In addition, Table 7.2 shows the Gross Domestic Product chain-type price index (which reflects inflation throughout the economy) prepared by the Bureau of Economic Analysis. Chart 7.2 shows the changes in the overall CPI and the CPI for telephone services over time.

For 2004 the nation's overall level of prices (measured by the CPI for all items) rose by 3.3%. The CPI for telephone services fell by 2.5% during 2004. The CPI for telephone services is composed of three subindices. During 2004, the local service component (including subscriber line charges) rose by 1.1%, while the price index for interstate toll calls fell by 8.7%, and the price index for intrastate toll calls fell by 6.6%. The changes in these subindices over time are shown in Chart 7.3.

1 For more detailed information, see Industry Analysis and Technology Division, Wireline Competition Bureau, Federal Communications Commission, *Reference Book of Rates, Price Indices, and Household Expenditures for Telephone Service* (2005). Much, but not all, of the material in this section is based on that report.

2 BLS publishes two sets of Consumer Price Indices. The CPI-U, used herein, is based on expenditures of all urban consumers. The CPI-W series is based on expenditures of urban wage earners and clerical workers.

The Bureau of Labor Statistics publishes a number of price indices related to local telephone service, two of which are important to the monitoring program. The CPI index of local telephone charges is based on a broadly defined "market basket" of local services that includes monthly service charges, message unit charges, leased equipment, installation, service enhancements (such as tone dialing and call waiting), taxes, subscriber line charges, and all other consumer expenditures associated with local telephone services except long distance charges. In contrast, the PPI index of monthly residential rates is much more narrowly defined. It is based only on monthly service charges for residential service, optional tone dialing service, and subscriber line charges. It excludes taxes and all other telephone service charges. The annual rates of change for these two indices are presented in Table 7.3.

CPI data are available for intrastate toll and interstate toll services since December 1977. Table 7.3 also presents the annual changes in these series for recent years.

Price indices are less reliable when industries are changing rapidly. For example, in 1992, long distance carriers began to increase basic long distance rates while at the same time greatly expanding their range of discount offerings aimed at medium and heavy users of long distance service. The fixed market basket of toll calls measured for the CPI did not fully reflect these discounts. In 1998, the CPI for telephone services was altered to include cellular telephone services, making the new index not directly comparable to prior years. In 1995, BLS made major changes to the PPI telephone series, and there are no data after July 1995 comparable with prior data. At that time the BLS introduced revenue-weighted telephone price indices. The new indices categorize the telephone industry into much finer detail, though the new series are not comparable to the old in many categories. Because of these sorts of difficulties, measures of average revenues are sometimes used as alternatives to price indices. Monthly data for the new CPI telephone indices are shown in Table 7.4.

With the release of data for January 2004, the Producer Price Index program changed its basis for industry classification from the 1987 Standard Industrial Classification (SIC) system to the North American Industry Classification System (NAICS). Developed in cooperation with Canada and Mexico, NAICS represents a profound change for statistical programs focusing on emerging economic activities. The system was developed using a production-oriented conceptual framework, grouping establishments into industries based on the activity in which they are primarily engaged. While many NAICS industries directly compare with SIC industries, a number of SIC industries were split or combined to form a new NAICS industry. The PPI treats the SIC-to-NAICS comparison as continuous if 80 percent or more of the weight of the SIC-based index comprises at least 80 percent of the weight of the NAICS-based index. All index series that have passed this test are published under the NAICS structure using the index base date and price index history established by the SIC-based index. Documentation of the NAICS to SIC concordance for all subsectors, industry groups, and products may be found at <http://www.bls.gov/ppi/ppinaics.htm>.³ The current

3 Several telecommunications PPIs published by the BLS under the SIC classification system are no longer published after the conversion to NAICS. These include "Other Local Service" (SIC pcu4813#114), "Other Local Service except Directory Assistance" (SIC pcu4813#11409), "LEC Intrastate Private Line Service" (SIC pcu4813#311), "Directory Advertising" (SIC pcu4813#91), and "Other Telephone Services" (SIC pcu4813#99). In addition, "Directory Assistance" (SIC pcu4813#11401) is now classified as "Other Local

PPI indices are shown in Table 7.5.

Information on Rate Levels

Local rates are regulated by state regulatory agencies and vary greatly from area to area. Characterization of any rate as "typical" is therefore difficult. Table 7.6 presents average local residential rates in urban areas. The price indices published by the BLS indicate percentage changes in the price of the telephone services. The BLS does not publish the actual level of rates. The averages shown in Table 7.6 are based on an FCC survey using the same sampling areas and weights that were used by the BLS in constructing the 1986 Consumer Price Index.⁴ In October 2004 the national average for the representative total residential service charge was \$24.31 monthly. The average charge for connecting new phone service was \$42.59.

Table 7.7 presents average monthly local rates for single-line business customers in urban areas. Like the residential rates presented above, they are based on an FCC survey using the same sampling areas and weights used by the BLS in constructing the 1986 Consumer Price Index. In October 2004, the representative average monthly charge was \$43.75, while the average charge for connecting phone service was \$74.17.

Table 7.8 contains average revenue per minute for interstate calls. These estimates show that billed revenue per minute has declined over time for both international and domestic services.

Standard Deviation Analysis of Residential Rates

In October 2003, the Federal Communications Commission adopted a recommendation by the Federal-State Joint Board on Universal Service establishing an annual adjusted nationwide urban rate benchmark for purposes of determining universal service support for non-rural carriers. This benchmark is used by the states and the Commission as a tool to assess the reasonable comparability of rates in rural and high-cost areas served by non-rural carriers to

Service" (NAICS 517110114) and "Telephone Communications except Radiotelephone" is now referred to as "Wired Telecommunications Carriers".

- 4 The form used in conducting the 2003 urban rate survey has been revised from previous years. Specifically, a more detailed breakout of carriers' surcharges and taxes now appear as separate line items on the survey instrument. All carriers are now required to submit all line-item data in terms of dollar amounts (whereas before some line items were reported as percentages). In addition, local rates pertaining to multiline-business customers are no longer requested. These changes to the survey form allow for more accurate estimates of the total monthly recurring costs for basic local residential and single-line business service. Note that all estimates for 2002 and 2003 reflect usage of the revised survey form, while estimates for years 2001 and prior reflect those obtained from the previous survey instrument.

nationwide urban rates.⁵ The urban rate benchmark adopted by the Commission is based upon the most recent average urban residential rate as shown in Table 7.9.

Because of the great variation in urban rates nationwide, the Commission adopted a "standard deviation analysis" which measures the dispersion of urban rates from the average. As such, an urban rate benchmark level of two (weighted) standard deviations above the (weighted) average urban rate is used. Table 7.10 presents the results of such a standard deviation analysis for the residential rates reported in the Urban Rate Survey as of October 15, 2004. The average, plus the two standard deviation benchmark, is \$34.21. Table 7.10 shows the historical trend in the standard deviation analysis for the years 1993-2004. Over this period the average, plus the two standard deviation benchmark, rose by 20%.

Subscriber Line and Access Charges

Long distance companies rely on the loops, switches, and transport facilities of local telephone companies for access to their customers. As a result, local telephone companies recover a portion of their costs from long distance companies accessing their networks. Both the manner in which these access charges have been assessed and the proportion of the costs they have recovered have varied considerably over time.

In the early 1980s, AT&T provided about three-quarters of the nation's local telephone service and almost all interstate long distance service. Because revenue sharing was largely an internal process for AT&T, it was able to charge prices above cost for long distance calls and share the revenues with local telephone companies. These transfers, while reducing the pressures on the local companies to raise monthly local rates, contributed to inefficiently high long distance rates. The high rates were responsible for suppressing demand for long distance calls and inducing large corporations to bypass the public switched network. Moreover, while such revenue sharing arrangements were sustainable in an industry where one firm monopolized both long distance and local service, they were not compatible with a competitive long distance industry.

In mid-1984, the FCC, in cooperation with a Federal-State Joint Board comprised of both federal and state regulators, introduced sweeping changes to the way that local companies charged for their services. The historic method of sharing revenues was replaced with a new system of access charges that provided a uniform method for local telephone companies to charge for the origination and termination of interstate traffic on their local networks. In particular, monthly subscriber line charges (SLCs) were introduced to recover a portion of the fixed costs of the local telephone companies' loops directly from end users on a per-line basis. Since local telephone companies were required to reduce their charges to long distance carriers -- dollar for dollar -- the introduction of SLCs permitted reductions in implicit subsidies from long

5 See *Federal-State Joint Board on Universal Service*, CC. Docket No. 96-45, Order on Remand, Further Notice of Proposed Rulemaking, and Memorandum Opinion and Order, 18 FCC Rcd 22559, 22607-22610, paras. 80-82 (2003), *remanded*, *Qwest Communications Int'l, Inc. v. FCC*, Nos.03-9617, 04-9518, 04-9519, 2005 WL 41969 (10th Cir. Feb. 23, 2005).

distance service to local service. The rebalancing of prices between local service and interstate long distance calls during the 1980s had a fundamental impact on the telephone industry as the price of long distance service fell and the volume of long distance calling surged.

In mid-1997, as part of its implementation of the 1996 Telecommunications Act, the FCC introduced further interstate access charge reform. Presubscribed interexchange carrier charges (PICCs) were created in order to allow local carriers to recover the remaining portion of their fixed loop costs from long distance carriers on a per-line, instead of a per-minute, basis. A further access charge reform was adopted on May 31, 2000, which eliminated the PICC and consolidated it with the SLC. This took effect on July 1, 2000.⁶

Average monthly SLCs and PICCs are shown in Table 7.11 and average per-minute rates charged to long distance carriers are shown in Table 7.12. Both tables report historical averages for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and LECs in the National Exchange Carrier Association (NECA) pool. These LECs control over 98% of the industry's regulated access lines. Current per-line charges and per-minute charges are reported for each of the carriers in Tables 7.13 and 7.14, respectively.

The averages in Table 7.12 clearly illustrate the effectiveness of access reform in reducing the prices long distance carriers pay per minute for access to the local telephone companies' networks. The reductions in per-minute access prices over time have been a major contributing factor to reductions in long distance prices.

⁶ Although the changes took effect on July 1, some companies made subsequent adjustments to their tariffs, which did not take effect until August 11.

Table 7.1
Long-Term Changes for Various Price Indices
 (Annual Rates of Change)

	1954 - 2004	1994 - 2004
CPI All Items	4.0 %	2.5 %
CPI All Services	4.9	3.2
CPI Telephone Services **	1.7	-0.1
CPI Major Categories:		
- Food & Beverages	*	2.6
- Housing	*	2.7
- Apparel	2.1	-1.0
- Transportation	3.7	2.0
- Medical Care	5.9	3.9
- Recreation	*	1.6
- Other Goods & Services	*	4.4
CPI Public Transportation	5.0	2.0
CPI Utility Natural Gas Service	5.2	5.2
CPI Electricity	3.3	1.2
CPI Sewer & Water Maintenance	5.6	3.5
CPI Postage	4.7	2.8

* Series not established until after 1954.

** The CPI telephone service index was revised in December of 1997.

Source: Bureau of Labor Statistics.

Chart 7.1

CPI All Items and CPI Telephone Services

1982 - 1984 = 100

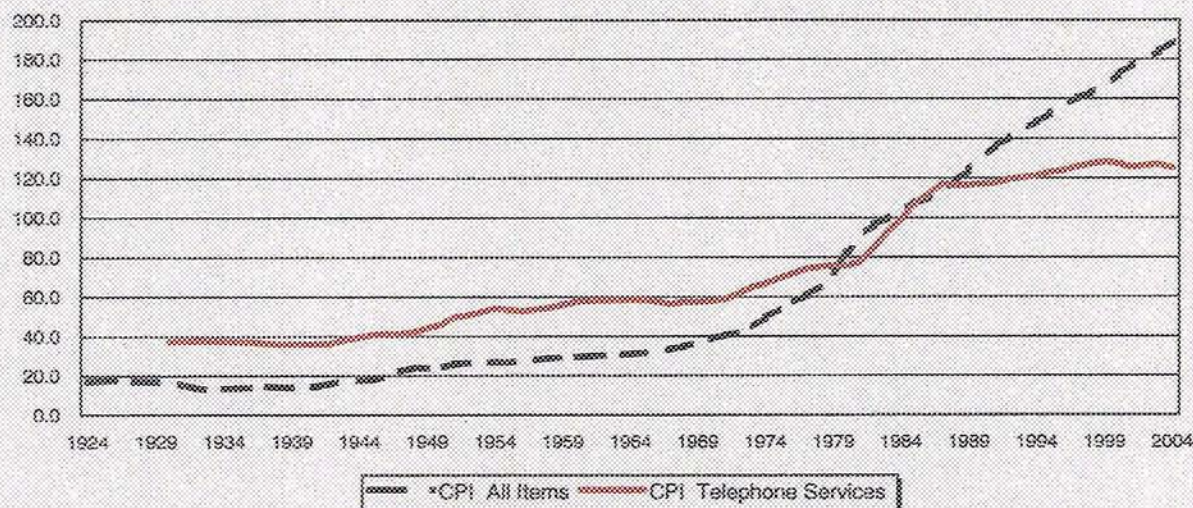


Table 7.2
Annual Changes in Major Price Indices

	GDP Chain-type Price Index	CPI - All Items	CPI - Telephone Services
1978	7.3 %	9.0 %	0.9 %
1979	8.7	13.3	0.7
1980	9.7	12.5	4.6
1981	8.3	8.9	11.7
1982	5.2	3.8	7.2
1983	3.4	3.8	9.6
1984	3.6	3.9	9.2
1985	2.8	3.8	4.7
1986	2.3	1.1	2.7
1987	2.9	4.4	-1.3
1988	3.7	4.4	1.3
1989	3.5	4.6	-0.3
1990	4.1	6.1	-0.4
1991	3.1	3.1	3.5
1992	2.1	2.9	-0.3
1993	2.3	2.7	1.8
1994	2.2	2.7	0.7
1995	2.0	2.5	1.2
1996	1.9	3.3	2.1
1997	1.5	1.7	0.2
1998	1.1	1.6	0.3 *
1999	1.5	2.7	0.4
2000	2.3	3.4	-2.3
2001	2.5	1.6	1.3
2002	1.5	2.4	0.2
2003	1.7	1.9	-2.7
2004	2.4	3.3	-2.5

* The CPI telephone service index was revised in December of 1997.

Note: All values calculated as the percent change from December of the previous year through December of the year shown, except the GDP price index, which is based on changes from 4th quarter to 4th quarter.

Sources: Bureau of Labor Statistics and Bureau of Economic Analysis.

Chart 7.2
CPI All Items and Telephone Services

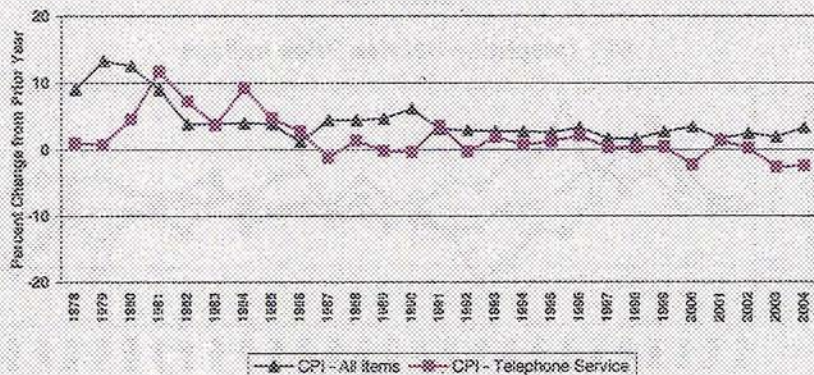


Table 7.3
Annual Changes in Price Indices for
Local and Long Distance Telephone Services

	Local Residential Service		Toll Service *			
	CPI	PPI	Interstate		Intrastate	
	CPI	PPI	CPI	PPI	CPI	PPI
1978	1.4 %	3.1 %	-0.7 %	0.0 %	1.3 %	0.1 %
1979	1.7	1.6	-0.8	-0.9	0.1	-0.7
1980	7.0	7.1	3.4	5.5	-0.6	2.3
1981	12.6	15.6	14.6	15.9	6.2	8.0
1982	10.8	9.0	2.7	3.9	4.2	1.7
1983	3.1	0.2	1.4	0.0	7.4	3.9
1984	17.2	10.4	-4.3	-5.1	3.6	3.8
1985	8.9	12.4	-3.7	-3.0	0.6	2.1
1986	7.1	8.9	-9.4	-10.0	0.3	-3.5
1987	3.3	2.6	-12.4	-11.8	-3.0	-3.0
1988	4.5	4.6	-4.2	-2.1	-4.2	-3.8
1989	0.6	1.9	-1.3	-1.7	-2.6	0.5
1990	1.0	1.5	-3.7	-0.1	-2.2	-2.2
1991	5.1	2.1	1.3	-1.3	-1.5	-2.6
1992	0.5	-0.2	-1.3	1.0	-2.4	1.3
1993	1.0	0.8	6.5	3.8	0.2	-1.1
1994	-0.3	0.7	5.4	6.1	-1.0	-1.4
1995	2.6	**	0.1	**	-3.8	**
1996	0.9	0.2	3.7	0.7	6.1	0.9
1997	1.0	0.2	-4.3	7.8	2.8	-4.3
1998	1.3	-0.1	-0.8	-0.4	1.5	-3.7
1999	2.8	0.2	-0.7	2.3	-1.6	-2.7
2000	5.5	1.6	-11.2	-4.3	-6.0	0.1
2001	4.5	2.2	2.0	-5.5	-1.7	0.7
2002	5.3	2.2	-5.9	-17.7	-6.1	0.8
2003	2.6	2.0	-10.9	-2.5	-9.4	-12.5
2004	1.1	0.6	-8.7	0.7	-6.6	-2.9

Source: Bureau of Labor Statistics.

* CPI toll indices represent rates for households. Through 1994, PPI toll indices represent rate changes for both business and residential consumers. Since 1995, PPI indices reflect rates for residential customers.

** The PPI telephone indices were revised in June of 1995. The series are not comparable.

Note: All values calculated as the percent change from December of the previous year through December of the year shown.

Chart 7.3

CPI Telephone Service Price Indices

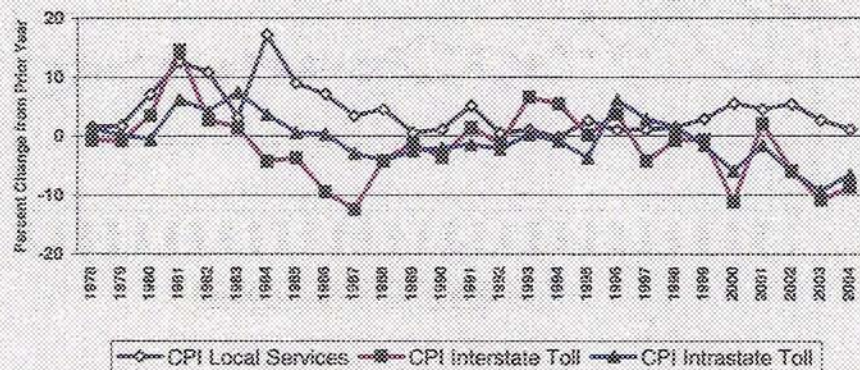


Table 7.4
Consumer Price Indices
(December 1997 = 100)

	All Goods and Services	Telephone Services	Land-line telephone services, local charges	Land-line telephone services, long distance charges	Land-line interstate toll calls	Land-line intrastate toll calls	Wireless Telephone Services
BLS Series ID	CUUR0000SA0	CUUR0000SEED	CUUR0000SEED01	CUUR0000SEED02	CUUR0000SS27051	CUUR0000SS27061	CUUR0000SEED03
1999 January	101.9	100.7	102.2	99.9	99.3	101.3	90.9
February	102.0	100.4	102.0	99.5	99.1	100.7	89.7
March	102.3	100.2	102.3	98.9	98.4	100.3	89.0
April	103.0	100.0	100.9	99.8	99.5	100.7	87.8
May	103.0	99.6	102.7	97.5	96.4	100.2	85.8
June	103.0	99.7	103.2	97.4	96.3	100.2	84.0
July	103.3	99.5	103.7	96.7	95.3	100.0	82.9
August	103.6	99.8	103.8	97.1	95.9	99.8	82.3
September	104.1	99.6	103.7	96.8	95.9	99.2	82.6
October	104.3	99.8	103.5	97.4	96.9	98.8	82.0
November	104.3	100.6	103.9	98.7	99.1	99.2	81.2
December	104.3	100.7	104.2	98.6	98.5	99.9	81.1
2000 January	104.6	100.9	104.8	98.5	98.3	100.1	80.6
February	105.3	99.4	104.9	95.5	94.0	99.2	79.7
March	106.1	98.9	105.1	94.4	93.1	98.5	79.2
April	106.2	98.6	105.2	93.7	92.4	97.8	78.9
May	106.3	98.5	105.3	93.4	92.0	97.6	78.2
June	106.9	97.2	105.8	90.6	89.0	95.0	76.8
July	107.1	98.2	107.3	91.3	89.8	95.7	74.9
August	107.1	98.9	109.5	90.7	89.2	95.1	73.7
September	107.7	97.0	108.5	87.9	86.2	92.0	72.8
October	107.9	98.3	109.8	89.4	87.9	92.9	73.0
November	107.9	97.5	110.3	87.2	85.0	91.9	72.9
December	107.9	98.4	110.0	89.5	87.5	93.9	71.1
2001 January	108.6	98.8	110.5	89.9	88.0	94.2	68.9
February	109.0	98.7	110.7	89.5	87.6	93.7	68.9
March	109.2	99.4	110.9	90.7	89.0	94.5	68.7
April	109.7	99.0	111.9	89.1	87.2	93.1	68.8
May	110.2	98.7	112.1	88.2	86.2	92.6	68.5
June	110.4	99.0	112.3	88.7	86.7	93.0	68.1
July	110.0	99.6	113.2	88.9	86.8	93.0	68.6
August	110.0	99.6	113.9	88.5	86.4	92.7	68.1
September	110.5	99.2	114.1	87.6	85.5	92.0	67.2
October	110.2	99.9	114.6	88.5	86.4	92.9	67.1
November	110.0	99.6	114.8	87.6	85.5	92.2	67.5
December	109.5	99.7	114.9	87.9	85.8	92.3	67.2
2002 January	109.8	100.3	115.7	88.2	86.2	92.6	67.5
February	110.2	100.3	116.1	87.9	85.8	92.6	67.5
March	110.8	99.1	114.1	87.0	85.0	91.5	67.5
April	111.5	98.2	114.0	85.1	82.7	90.1	67.6
May	111.5	99.3	116.8	85.2	82.6	90.4	66.7
June	111.5	99.2	116.9	85.0	82.4	90.1	66.6
July	111.7	99.5	118.7	84.0	81.3	89.1	67.0
August	112.0	100.6	120.2	84.7	82.6	89.1	67.8
September	112.2	100.1	120.4	83.7	81.4	88.2	67.5
October	112.4	99.9	120.6	83.0	80.7	87.5	67.9
November	112.4	99.8	120.8	82.7	80.7	87.0	67.5
December	112.2	99.9	121.0	82.6	80.7	86.7	67.4
2003 January	112.6	100.4	121.3	83.4	81.9	87.0	67.6
February	113.5	100.5	121.2	83.5	82.2	86.9	67.7
March	114.2	99.7	121.7	81.5	79.8	85.1	67.6
April	113.9	98.7	121.9	79.2	77.4	83.1	67.5
May	113.7	98.1	122.0	77.9	76.0	81.8	67.5
June	113.8	97.5	122.2	76.7	74.6	80.8	66.3
July	114.0	98.1	123.1	77.2	75.6	80.8	66.2
August	114.4	97.8	123.7	76.0	74.0	79.7	66.1
September	114.8	97.4	123.8	75.2	73.3	78.9	66.1
October	114.6	97.1	124.0	74.3	72.1	78.7	66.1
November	114.3	97.2	124.2	74.1	71.8	78.3	66.7
December	114.2	97.2	124.1	74.3	72.0	78.6	66.5
2004 January	114.8	97.0	124.4	73.9	71.6	78.0	66.3
February	115.4	97.1	124.2	73.9	71.6	77.8	66.6
March	116.1	96.7	124.2	73.1	70.6	77.2	66.5
April	116.5	96.5	123.9	72.8	70.1	77.2	66.4
May	117.2	95.9	124.2	71.3	68.8	75.5	66.5
June	117.6	95.8	124.2	71.2	68.4	75.4	66.4
July	117.4	95.6	124.7	70.1	67.6	74.2	66.5
August	117.5	95.0	124.7	68.7	66.0	72.9	66.5
September	117.7	95.3	124.9	69.6	67.0	73.9	66.3
October	118.4	94.6	125.2	68.3	65.7	72.6	65.5
November	118.4	94.9	125.1	69.3	66.4	74.0	65.5
December	118.0	94.8	125.5	68.6	65.7	73.4	65.6
2005 January	118.2	94.8	125.9	68.5	65.7	72.9	65.3
February	118.9	95.1	126.9	68.5	65.3	73.8	65.4
March	119.8	95.0	127.4	67.9	64.9	72.5	65.2
April	120.6	95.3	127.8	68.4	64.9	73.4	65.2
May	120.5	94.8	127.3	67.5	64.0	72.6	65.2
June	120.6	94.6	127.5	67.1	63.7	72.1	65.2

Note: Figures for All Goods and Services, Local Telephone Service, Interstate Toll Service, and Intrastate Toll Service after May, 2000 are converted from 1982-1984 base index series reported by the Bureau of Labor Statistics. Historical data on these series based upon the 1982-1984 index for January, 1972 through May, 2000 can be found in the Industry Analysis and Technology Division, Wireline Competition Bureau, *Monitoring Report* (October 2002).

Table 7.5
Producer Price Indices
(June 1995 = 100)

	Wired Telecommunication s Carrier	Local Service, except Private Lines	Residence Local Service	Business Local Service	Coin Local Service	Other Local Service
NAICS Series ID	517110	5171101	51711011	51711012	51711013	51711014
1995 June	100.0	100.0	100.0	100.0	100.0	100.0
July	102.8	100.0	100.0	100.0	100.0	100.0
August	100.7	100.0	100.0	100.0	100.0	100.0
September	100.6	100.1	100.0	100.2	100.6	100.0
October	100.4	100.0	99.8	100.2	100.6	100.0
November	99.6	100.0	99.8	100.2	100.6	100.0
December	99.6	100.0	99.8	100.2	100.6	100.0
1996 January	99.3	100.0	99.8	100.1	100.6	100.0
February	99.6	100.0	99.8	100.2	100.6	100.0
March	99.5	100.1	99.8	100.2	101.9	100.0
April	99.7	100.1	99.8	100.2	101.9	100.0
May	99.5	100.1	99.8	100.2	101.9	100.0
June	99.9	100.2	100.0	100.2	101.9	100.0
July	100.3	100.3	100.0	100.4	102.0	100.0
August	100.6	100.4	100.0	100.5	102.0	100.0
September	100.5	100.4	100.0	100.5	102.0	100.0
October	100.4	100.4	100.0	100.5	102.0	100.0
November	100.1	100.4	100.0	100.5	102.0	100.0
December	99.5	100.4	100.0	100.5	102.0	100.0
1997 January	100.5	100.4	100.0	100.5	102.0	100.0
February	99.8	100.4	100.0	100.5	102.0	100.0
March	99.0	100.3	100.0	100.5	102.0	100.0
April	99.2	100.4	100.0	100.6	102.0	100.0
May	99.9	100.5	100.2	100.7	102.1	100.0
June	100.4	100.5	100.2	100.7	102.1	100.0
July	100.1	100.4	100.1	100.5	102.1	100.0
August	100.4	100.4	100.1	100.5	102.1	100.0
September	99.3	100.4	100.1	100.5	102.1	100.0
October	99.0	100.4	100.2	100.5	102.1	100.0
November	99.0	100.5	100.2	100.5	102.1	103.6
December	99.1	100.4	100.2	100.5	101.4	103.6
1998 January	99.2	100.5	100.2	100.6	101.7	103.6
February	99.0	100.5	100.2	100.6	101.7	103.6
March	98.7	100.5	100.2	100.6	101.7	103.6
April	98.6	100.5	100.2	100.6	101.7	103.6
May	98.7	100.4	100.0	100.5	101.7	103.6
June	98.2	100.3	100.0	100.4	101.7	103.6
July	99.0	100.3	100.1	100.3	101.7	103.6
August	98.7	100.3	100.1	100.3	101.7	103.6
September	98.5	100.3	100.1	100.4	101.7	103.6
October	97.9	100.3	100.1	100.3	101.7	103.6
November	97.3	100.3	100.1	100.3	101.7	103.6
December	97.4	100.3	100.1	100.4	101.7	103.6
1999 January	96.9	100.4	100.2	100.4	101.7	103.6
February	96.2	100.4	100.2	100.5	101.7	103.6
March	96.6	100.4	100.2	100.5	101.7	103.6
April	97.3	100.5	100.2	100.5	101.7	103.6
May	97.0	100.5	100.2	100.5	101.7	103.6
June	97.1	100.5	100.2	100.5	101.7	103.6
July	95.5	100.5	100.2	100.5	101.8	104.0
August	95.8	100.5	100.2	100.5	101.8	104.0
September	95.7	100.5	100.4	100.5	101.8	104.0
October	95.2	100.5	100.4	100.5	101.8	104.0
November	94.3	100.5	100.4	100.5	101.8	104.0
December	94.5	100.5	100.3	100.5	101.8	104.0